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**Mid-Missouri Multi Jurisdictional
Drug Task Force**

Ms. Marlene H. Dortch
Federal Communications Commission
Washington, DC 20554

FILED/ACCEPTED
MAY - 6 2008
Federal Communications Commission
Office of the Secretary

Mrs. Dortch,

I am writing you in reference to ReconRobotics Inc.

I am currently assigned as a narcotics investigator with the Mid Missouri Drug Task Force and the President and CEO of Nemo Regional Training LLC. I became acquainted with Recon Robotics Inc. during July of 2007, while attending the Cygnus media expo in Ohio. Since that time, I have been forwarded the opportunity to use and observe the Recon Scout, first hand.

Let me first start by stating, in the eleven years of law enforcement, I have been privy to numerous products that were branded with the title, "lifesaver". It was not until my introduction to the Recon Scout that I truly became excited about a particular products likely hood for actually saving a life.

Following a brief conversation with ReconRobotics Commercial Sales Director, the company agreed to send me a "beta" version of their robot to be used during a training seminar here in mid-Missouri. Out of the box, the Recon Scout is simple in form but even more so in its application. Within minutes of powering the unit, members of our SWAT team were already discussing the hundreds of applications and possibilities, never before possible without this type of technology.

During one of our scenarios, an abandoned house was utilized in our training at which time roll players were comprised of (2) two suspects with weapons and (1) one hostage/bystander. The suspect(s) positioned themselves in the house without alerting the team to their whereabouts or number of weapons. As the entry team made their way to the window of the residence, the Recon Scout was deployed with minimal manpower and limited exposure.

Following deployment, the team commander was able to maneuver the robot throughout the residence clearing rooms, identifying threats and providing instant threat assessment for the entry team, all from a safe distance. The team was then able to confirm the number of suspects, their location and provide a general weapon assessment ALL prior to entering the residence.

Following a successful apprehension, "roll players/suspects" advised that although they were expecting the deployment of the robot, they were never really aware of its location in the house. On a humorous side, the Recon Scout was located approximately 4 feet from the suspect's location and provided up to the minute intelligence and some rather comical images of their apprehension. On a serious side, the Recon Robot left new officers and veterans alike standing in amazement to this powerful, reliable and innovative new technology. Many of the officers from the entry team stated, "We don't feel comfortable without this thing now".

During our operation with the robot, ALL other electronic devises operated properly. The Recon Scout provided no interruption to radio transmissions, camera equipment, surveillance cameras etc.

I highly support an FCC waiver allowing the Recon Scout to be licensed to use the 432-448 MHz band. In addition, I feel the more time that passes with agencies being denied this type of technology is an injustice to the law enforcement community. I am recommending that Recon Robotics expedite the production of this product to allow for more officers a safe return after high risk operations.

Darin E. Logue
Special Agent - Mid Missouri Drug Task Force
President - NEMO Regional Training



LUDLOW POLICE DEPARTMENT

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To: Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
Washington, DC. 20554

From: Heath A. Fleener
Ludlow Police Dept.
Atwood Police Dept.
Select Fire Tactical Outfitters

I am writing this letter in support of a waiver to enable more frequencies to be used with the ReconRobotics Recon Scout. I am a Police Officer in two rural towns as well as an Active Shooter Instructor. I train several Departments across the Midwest in tactics that would be used to neutralize an Active Shooter. The Recon Scout is a device that is a key element in the safety of the Officers that would be deployed in an Active Shooter Emergency.

I currently use a ReconRobotics Recon Scout in my training and deployment for Active Shooter training as well as a variety of other tactics that are very effective with the Recon Scout. I currently use the Recon Scout in Narcotics Investigations, DUI Checkpoints, Barricaded Suspect, Raid Planning, Suspicious Packages, Covert Surveillance, and any other place where it would be too dangerous to deploy a live body. All of these situations require a great deal of planning and consideration for safety. That is where the Recon Scout comes into play. I use the Recon Scout in any and all situations that could or would require that I place a human being in danger. The only problem is that there is no way to deploy multiple Recon Scouts to reduce casualties from multiple vantage points since there are not enough frequencies available. The Recon Robotics Recon Scout will save lives.

The problem with not having enough frequencies is that the deployment of the Recon Scout has to be planned very well instead of just throwing it in and letting it go. That is the design and theory behind the Recon Scout. The Recon Scout is designed to throw into a situation and drive it through the situation. Again the idea of the Recon Scout is to reduce the amount of live bodies placed in a danger zone when an electronic device could and would be used to gain the same intelligence without risk to life and limb. If multiple frequencies were allowed, then I could and would throw multiple Recon Scouts into a structure from several vantage points to enable us to gain far more intelligence than we are capable of getting now with only one frequency. Another point that places Law Enforcement at a disadvantage is time factors. With only one frequency, I can only use one Recon Scout at a time. If something happens and the Recon Scout is trapped in a room, then I have to wait until the battery runs down before I can deploy another Recon Scout.

One of the advantages to the Recon Scout is the ability to deploy it rapidly. Instead of waiting until a SWAT Team arrives, we as Patrol Officers and First Responders can deploy the Recon Scout and start gaining real time intelligence while we are waiting for the SWAT Team to deploy. The Rapid Deployment of the Recon Scout enables Law Enforcement to find a way to end the situation before the shooting starts. I think anyone would agree that this is a very important factor to consider.

I have used several different types of Tactical Pole Cameras, Tactical Surveillance Devices, and non-electronic devices and have not found any to be easier to deploy or use than the Recon Scout. Most of the devices that I have used are far more complicated to deploy and usually require that we be close to the threat. The Recon Scout allows Law Enforcement to maintain a safe distance from the threat. As you can imagine, this is a comforting thought to Law Enforcement Professionals that are placed in danger zones every day usually with no regard for their personal safety.

The Recon Scout should operate at a distance of 100-200 feet inside a building and 300-400 feet outside and should run for at least an hour. Ultimately, on a large scale operation, there would need to be 15-20 active frequencies for multiple agencies to operate on. On a small scale operation, there would need to be at least 5-8 active frequencies. With both of my agencies, we operate mutual aid with up to 5 neighboring communities and usually at least one County Sheriff's Dept. That is where the need for multiple frequencies exists. So far, while using the Recon Scout, I have had no interference with any other devices, or electronics that we deploy operationally.

I am in support of any waiver that would allow Law Enforcement to deploy as many Recon Scouts as possible on any operation no matter the size. As a Police Officer and a Trainer, I feel compelled to remind you that we do a very dangerous job and usually no one cares how many of us are hurt or killed as long as no innocent victims are hurt or killed. They give us an elaborate funeral and call us heroes for a week. Then we are forgotten. This is apparent in almost all Department Policy Manuals in one policy or another. We are the ones that are required to run into a building under fire to protect the innocent. I feel that it is everyone's responsibility to approve any life saving tool that can keep us safe as we are rushing in under fire. As I teach in my classes. The bad guys used to just run from us, now they shoot at us while they are running. Something so small as a taillight or a registration light being out on a vehicle can get us killed. Please allow us to save ourselves in other ways. Please allow the waiver for multiple frequencies to allow us to go home to our families and friends just as any one else would deserve.

There are about 5000 products introduced every year to the Law Enforcement Community and usually only 3-5 of these products will actually save lives, the rest of them are pretty much just toys for the gadget guys. The Recon Scout is number one on the list of life saving tools that were introduced this year.

Heath Fleener
Police Officer
Trainer



CITY OF ORLANDO



POLICE DEPARTMENT

September 4, 2007

Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
Washington, DC 20554

Dear Ms. Dortch:

The Orlando Police Department serves the greater City of Orlando area, a community of 228,765 residents on 111 square miles of land.

We anticipate using the Recon Scout robot in many situations, including:

- Active shooter reconnaissance
- Confined space search and rescue
- Surveillance during high-risk warrant service
- Inspection of ventilation ducts and hazardous environments
- Tactical breach actions
- Vehicle undercarriage inspection

Our goal is to protect life with this device by using the Recon Scout to conduct reconnaissance before sending our officers into potentially dangerous situations. I support Recon Robotics in obtaining a license to operate under waiver by the FCC, which would enable the Recon Scout robot to work at a frequency that would enhance its performance. If you have any questions, please contact Captain Jeffrey W. Goltz at 407-246-3855.

Sincerely,

Michael J. McCoy
Chief Of Police

MJM/em



Ready to Protect, Proud to Serve

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Tucson, Arizona 85701-1917

December 19, 2007

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
Washington, DC 20554

Dear Ms. Dortch:

As the commander of the Tucson Police Department SWAT team and the Explosives and Hazardous Devices Detail I am writing you in support of a FCC waiver for the Recon Scout to be licensed to use the 432-448 MHz band for video transmission at less than 1 Watt of peak RF transmission power.

The Tucson Police Department serves a population of approximately 575,000. We are the second largest police department in the state.

Thus far we have only used the Recon Scout in training missions. However our plans for the device include both indoor and outside scouting for suspects and suspicious devices. This device will be particularly useful in searching rooms when we are concerned that an armed suspect is hiding. Many times the area that we must search is too small or cluttered for larger equipment. The use of a maneuverable tool like the Scout saves us from putting officers and service dogs lives at risk unnecessarily.

The range of the Scout (100' indoors and 300' outside) and the runtime (1 hour) meet our requirements. The small signature of this device is also a plus.

During training we have used the Scout in conjunction with other devices such as surveillance cameras, bomb robots, and our radios without interference.

Please contact me if you have any questions about our recommendation.

Sincerely,

Lt. Sanford S. Levy
SWAT/EHDD Commander
Tucson Police Department
270 S. Stone Ave.
Tucson, AZ 85701-1917



**City of Anaheim
POLICE DEPARTMENT**

February 14, 2008

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
Washington, DC 20554

Dear Ms. Dortch,

I am a Sergeant with the Anaheim Police Department. I have a dual role as a SWAT Sergeant and Homeland Security Bureau Project Coordinator. I have been a member of our SWAT unit since 1995. The City of Anaheim is located in the heart of Orange County, California and has a population near 400,000 people. We are well known for venues such as Disneyland, Anaheim Stadium, The Anaheim Convention Center and The Honda Center which is home to the 2007 Stanley Cup Champion Mighty Ducks.

I am writing in support of the Recon Scout as a tactical tool currently in use with our SWAT team.

The Scout is a valuable tool as it can be quietly pre-deployed into virtually any environment we would be asked to search. For example, prior to clearing a room for an armed suspect we can throw the recon Scout inside. From a safe distance the operator of the Scout can check the room for an armed suspect. The length of time required for a use of this nature varies by the size of the building. For a large office building we might use the Scout(s) for several hours to pre-check dozens of rooms, stairwells and hallways. For a typical house, this would take less than an hour. Using a device such as this can reduce casualties and loss of life by allowing SWAT operators to detect suspects or even booby traps from a remote location.

We like to see a minimum capable range of 200 feet. The greater the distance the better as this allows for a safer standoff when dealing with armed suspects. The minimum run time of the Scout should be no less than an hour. For our urban area it is not likely we would need to run more than two Scouts simultaneously, thus two operational channels are sufficient for our purposes. The current size of the Recon Scout is optimal. It is large enough to manipulate under stress with gloved hands, and small enough to easily throw. I would not recommend increasing or decreasing the size of the Scout more than approximately 10 percent from the current state.

Letter of Support for Recon Scout
February 14, 2008
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We have tested the Winchester Ball and liked it. Similar to the Scout it is designed to be thrown. The disadvantage is the lack of mobility, which the Recon Scout provides. Our vision is to obtain both products and use them in conjunction with each other. We currently own two other camera systems. Both are excellent, though they are not remote. Each of the other systems gives a standoff distance from operator to threat of less than 10 feet. One of these is a fiber optic system that can be used to view under doors. This is a distinct advantage, however like previously stated, we believe in using the devices in conjunction with each other. Our team might move up to a closed door, and then use the fiber optic system to ensure no threat is directly on the other side of the door. We can breach the door and silently roll the Recon Scout inside to check corners and behind furniture. There is no interference from the Recon Scout affecting any of our current devices.

In short, we value the Recon Scout and the capabilities it provides our team. I have very little working knowledge of radio frequencies but because I consider the Scout a life saving tool I would wholeheartedly support the FCC permitting the Recon Scout to be licensed to use the 432-448 MHz band for video transmission at less than 1 Watt of peak RF transmission power.

Respectfully Submitted,

B. McELHANEY
Sgt. Brian McElhaney



Larry D. Baca, Sheriff

County of Los Angeles
Sheriff's Department Headquarters

*4700 Ramona Boulevard
Monterey Park, California 91754-2169*



January 4, 2008

Marlene H. Dortch, Secretary
Federal Communications Commission
Washington D.C. 20554

Dear Ms. Dortch:

The Los Angeles County Sheriffs Department (LASD) has gained an international reputation for identifying, developing, adapting and integrating new technologies with applications in law enforcement. LASD has participated in field trials with the "Recon Scout" robot developed by ReconRobotics, Incorporated. Based upon our experience with this robot, we believe that it will be valuable for all sorts of law enforcement functions currently being performed by people or dogs.

This robot provides advantages by enabling us to view in areas and conditions that are dangerous or difficult to view. In particular, it will enable us to safely search for suspects under vehicles, crawl spaces under houses, attics, closets, and other areas. It will have applications in searching for victims trapped in rubble during earthquakes and similar disasters. In comparison with other robots, its small size and inexpensive cost, will enable us to conduct a thorough search of an area quickly.

It is my understanding that the developer is asking for an FCC waiver to use the 432-448 MHz band for video transmission at less than 1 Watt of peak transmission power. I would like to offer my Department's full support for a favorable ruling.

If you have any questions or need additional information, please contact our project manager Commander Charles "Sid" Heal at CSHcal@lasd.org or 323-526-5466.

Sincerely,

ORIGINAL SIGNED

LEROY D. BACA
SHERIFF

A Tradition of Service Since 1850

LDB:CSH:pg
(Office of the Undersheriff)

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